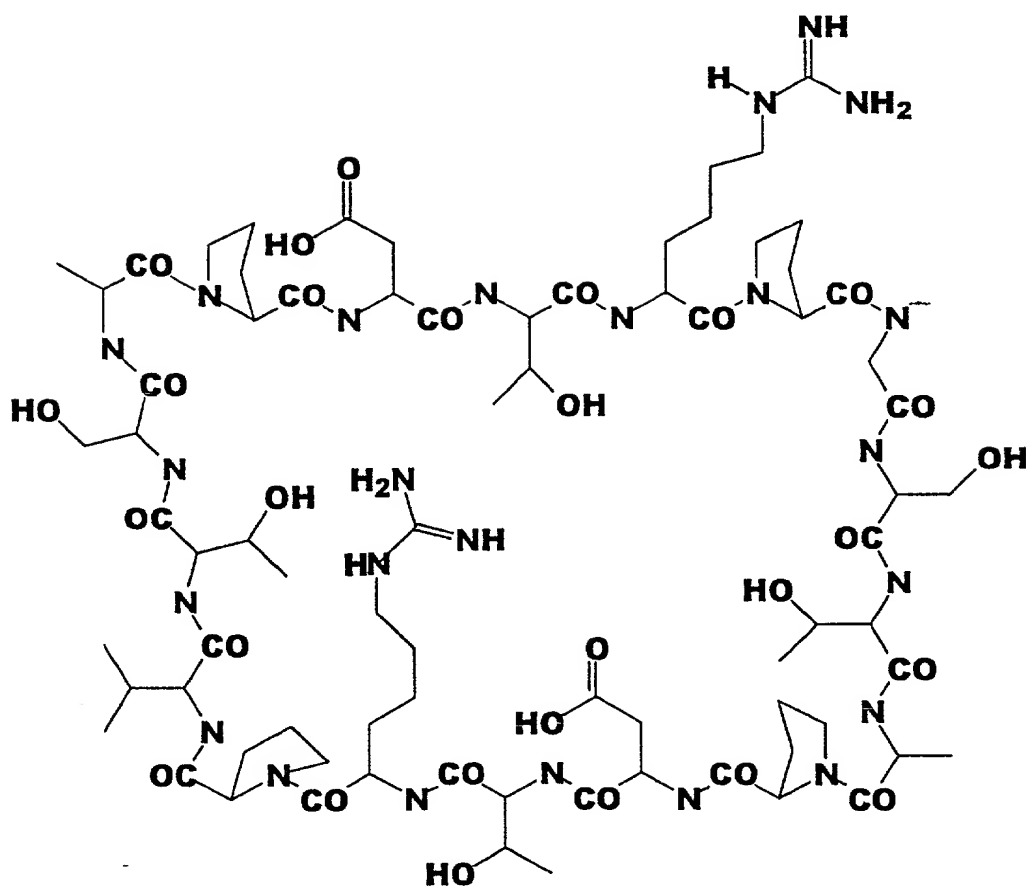


### Combinatorial glycopeptides

$O_1$ ,  $O_2$ ,  $O_3$  = Glycosylation sites

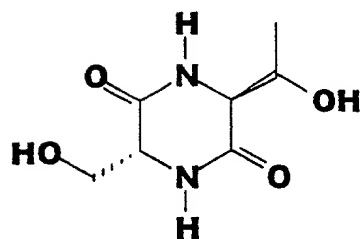
$R_1$  to  $R_5$  = Side chains that create site specificity

Figure 1

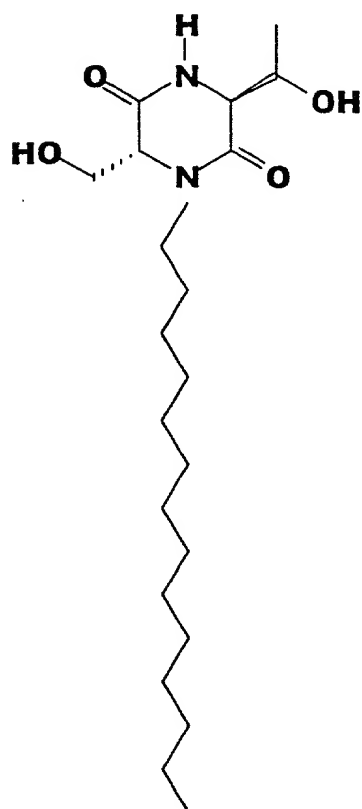


**A CYCLIC MUC1 PEPTIDE**

**Figure 2**



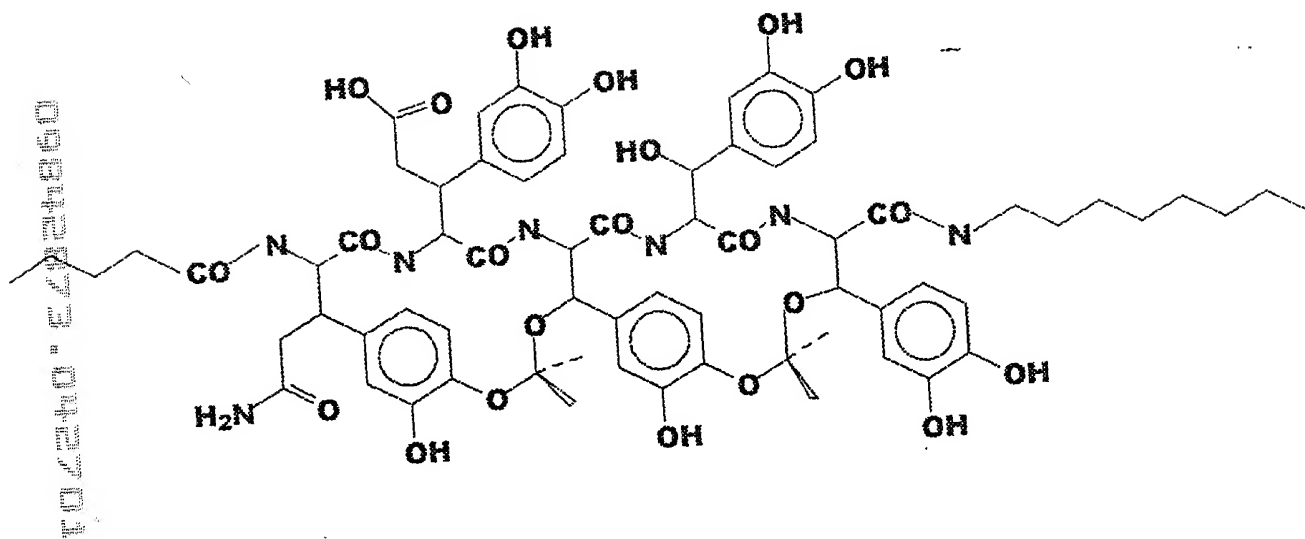
**THE SIMPLEST CYCLIC PEPTIDE**



**A SOLUBLE VERSION OF THE ABOVE (with C<sub>14</sub> lipid)**

**Figure 3**

Inventor(s): R. Rao KOGANTY et al.  
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**Figure 4**

Title: RANDOMLY GENERATED  
GLYCOPEPTIDE COMBINATORIAL  
LIBRARIES

Inventor(s): R. Rao KOGANTY et al.

Atty. Dkt. No.: 042881/0156

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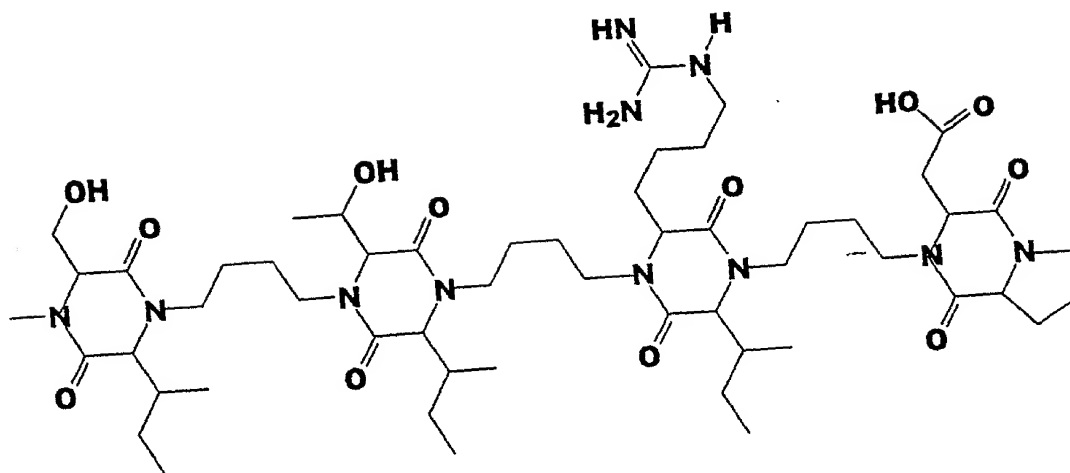
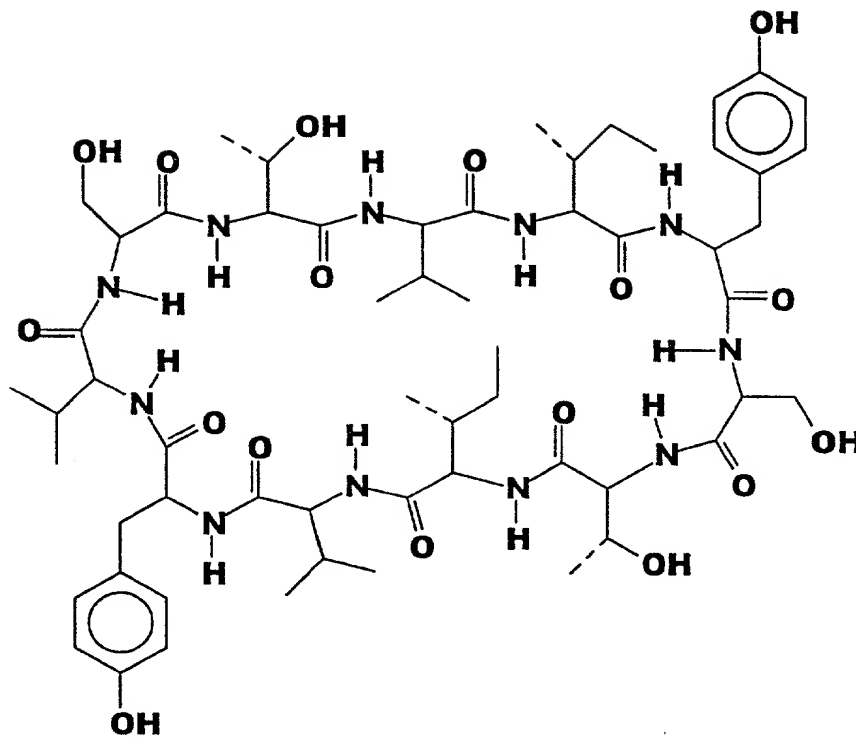


Figure 5

042881-042701



**AN EXAMPLE OF A CYCLIC PEPTIDE FOR RANDOM GLYCOSYLATIONS**

**ABILITY OF SUCH PEPTIDES MAY BE ENHANCED BY HYDROPHOBIC GROUPS**

**Figure 6**

FIGURE 8:

Functional Demonstration of Glycopeptide Library  
With Well Characterized Monoclonal Antibodies

